

### **ABSTRACT**

An internet terminal (110), which is a home terminal apparatus, is comprised of: a communication unit (111) for sending and receiving packet data; an encryption unit (112) for encrypting  
5 and decrypting packet data; a packet generation unit (113) for generating packet data to be sent to a server apparatus (200); a protocol determination unit (114) for determining a communication protocol to be used between the internet terminal (110) and the server apparatus (200); a control information reading unit (115) for  
10 reading in packet data and a control request packet that includes a control request; a control unit (116) for receiving control information and controlling the internet terminal (110) or a terminal apparatus (103) accordingly; a server certificate authentication unit (117) for authenticating the validity of a server certificate sent by  
15 the server apparatus (200); a client certificate management unit (118) for sending a client certificate to the server apparatus (200); and a storage unit (119) for storing a terminal ID and other information.